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(71) Applicant (for all designated States except US): **ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE** [KR/KR]; 161, Gajong-dong, Yuseong-gu, 305-350 Daejeon (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CHOI, Yun-jung** [KR/KR]; #206 Jangbang Villa, Shinsung-dong, Yusong-gu, 305-345 Daejeon (KR). **CHO, Suk-Hee**

[KR/KR]; #301 137-11 Shinsung-dong, Yusong-gu, 305-804 Daejeon (KR). **YUN, Kug Jin** [KR/KR]; #710 Hyundai ITEL., 1457 Dunsan-dong, Seo-gu, 302-120 Daejeon (KR). **LEE, Jinhwan** [KR/KR]; #111-1801 Hanwul APT., Shinsung-dong, Yusong-gu, 305-707 Daejeon (KR). **AHN, Chieteuk** [KR/KR]; #208-608 Expo, APT., Jeonmin-dong, Yuseong-gu, 305-761 Daejeon (KR).

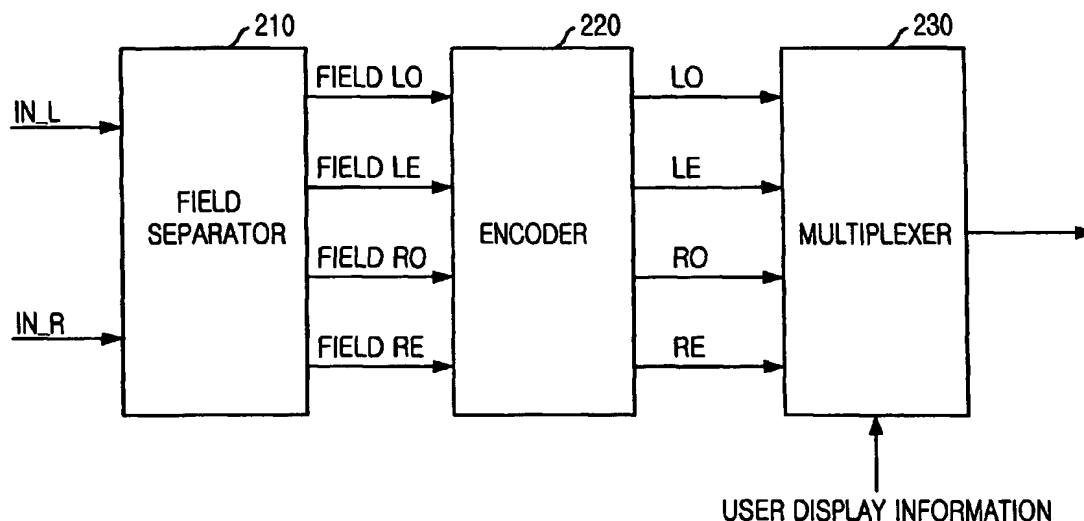
(74) Agent: **SHINSUNG PATENT FIRM**; Haecheon Bldg., 741-40, Yeoksam 1-dong, Kangnam-ku, 135-081 Seoul (KR).

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(54) Title: STEREOSCOPIC VIDEO ENCODING/DECODING APPARATUSES SUPPORTING MULTI-DISPLAY MODES AND METHODS THEREOF



(57) Abstract: Provided is a stereoscopic video encoding and/or decoding apparatus that supports multi-display modes, the encoding/decoding method thereof, and computer-readable recording medium for recording a program that implements the encoding/decoding method. The encoding apparatus of this research incorporates: a field separating means for separating right and left-eye input images into an odd field of the left-eye image (LO), even field of the left-eye image (LE), odd-numbered field (RO) of the right-eye image, and even-numbered field (RE) of the right-eye image; an encoding means for encoding the fields separated in the field separating means by performing motion and disparity compensation; and a multiplexing means for multiplexing the essential fields among the fields received from the encoding means, based on the user display information.

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